

FIG. 1B

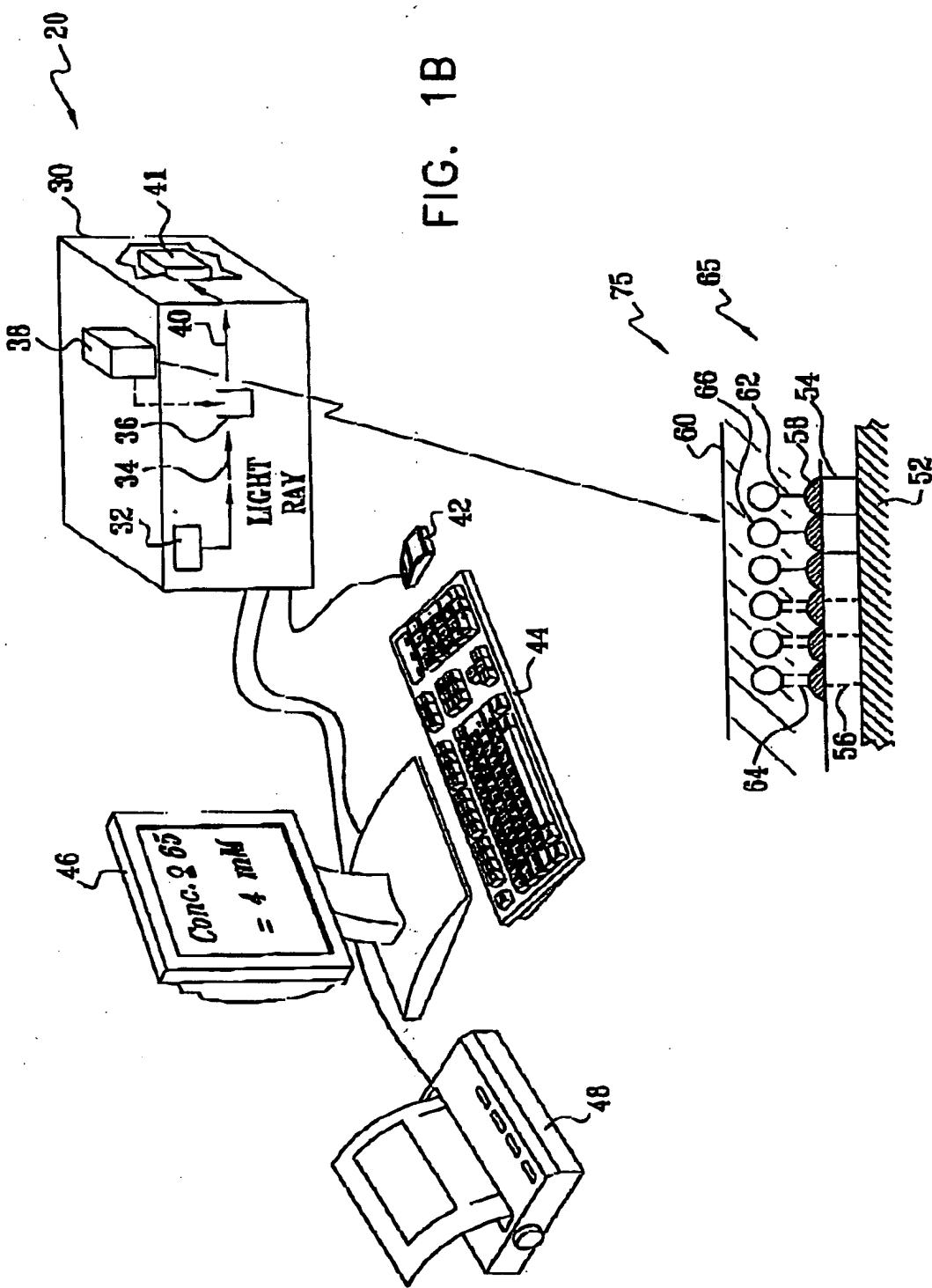


FIG. 1C

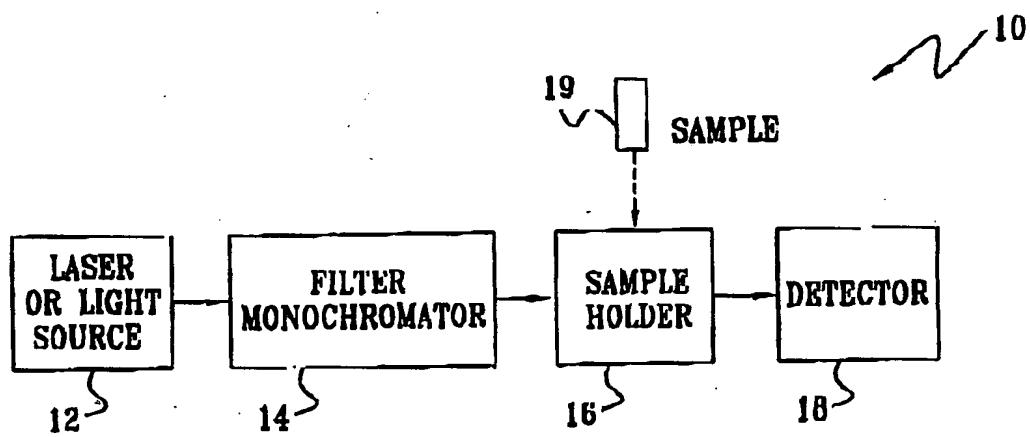


FIG. 2

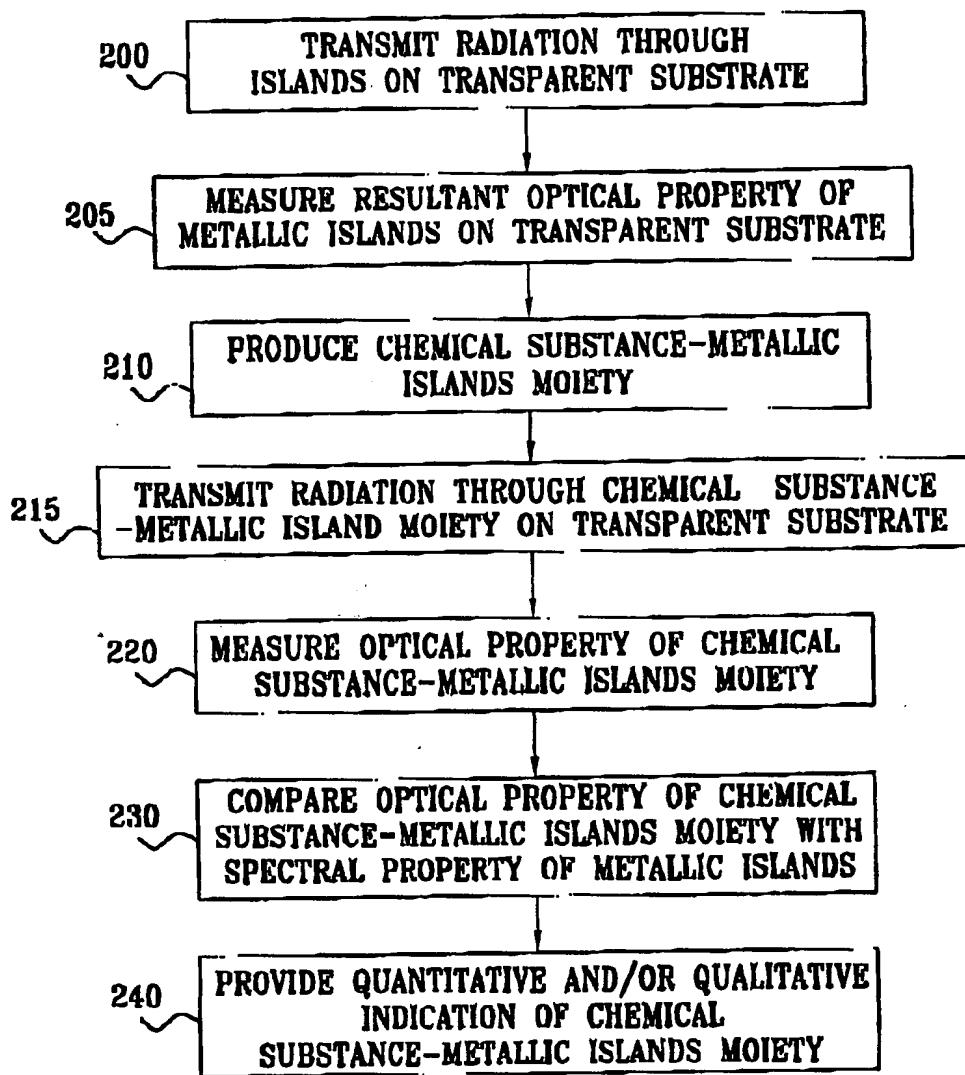


FIG. 3A

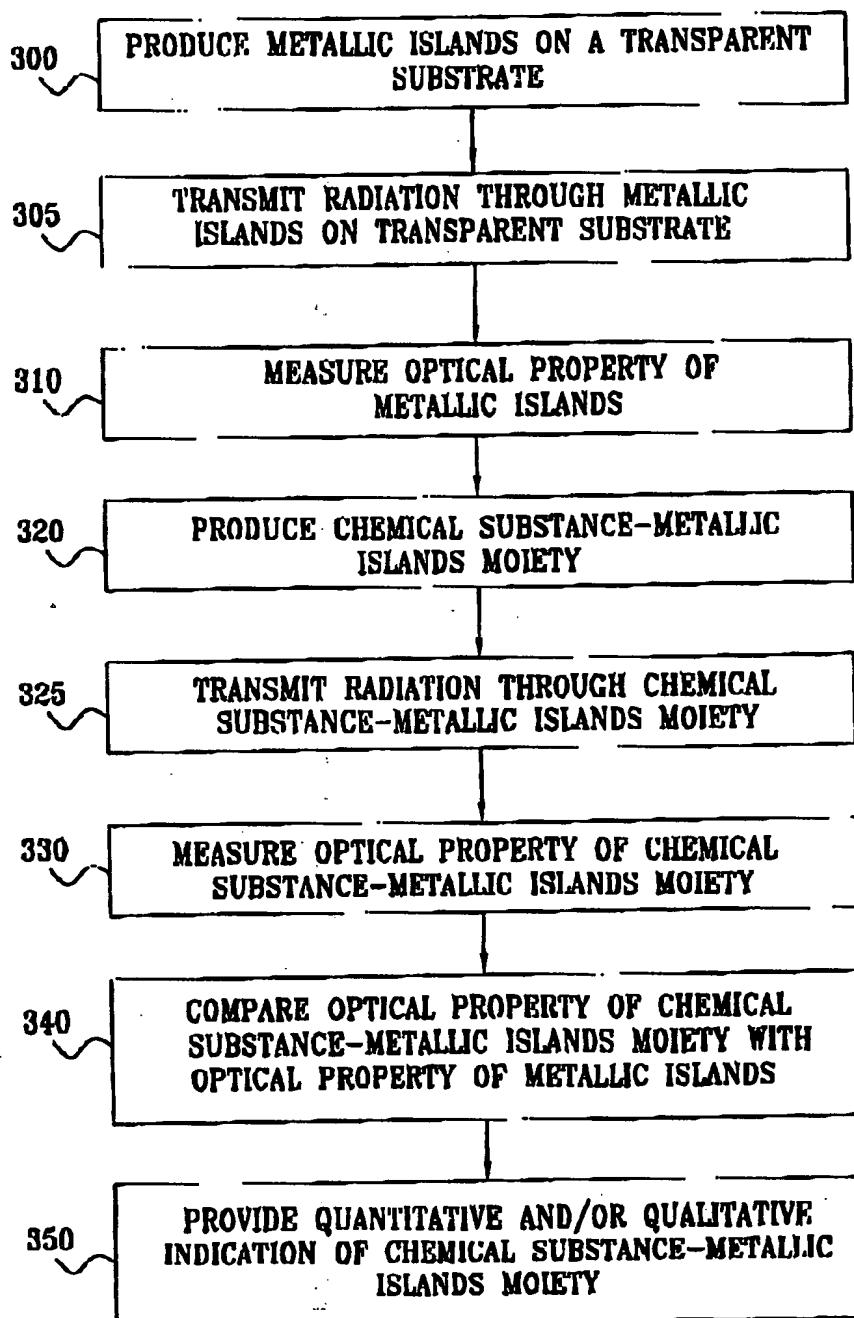


FIG. 3B

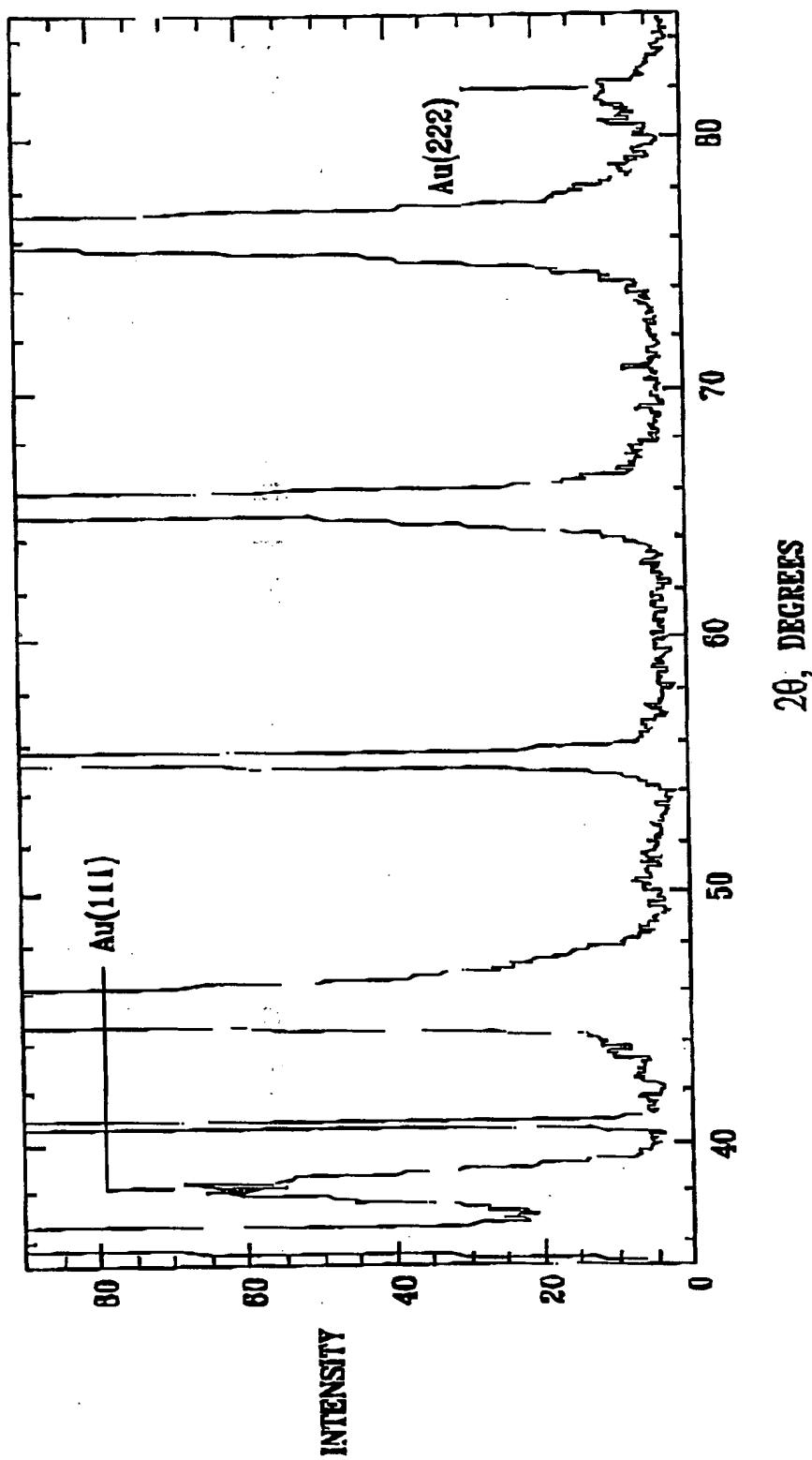


FIG. 4A

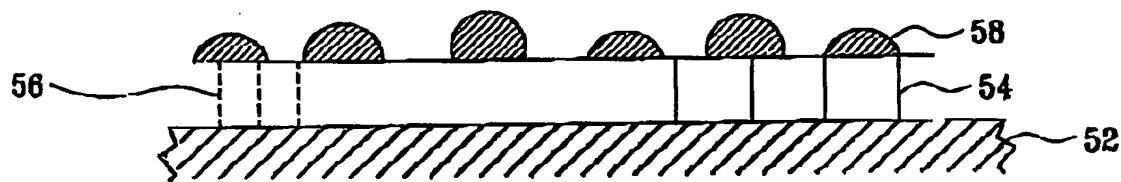
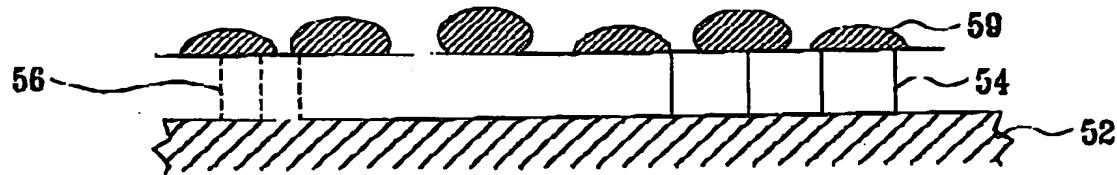


FIG. 4B



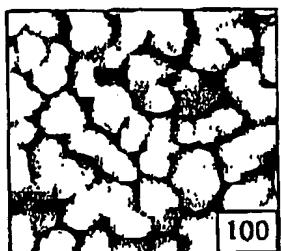


FIG. 4C/1

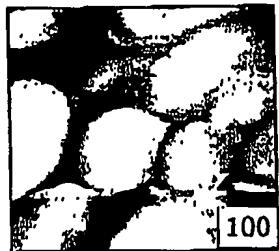


FIG. 4C/2

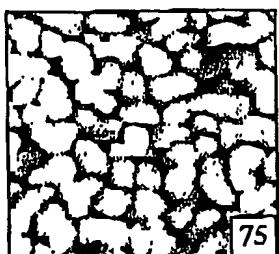


FIG. 4C/3

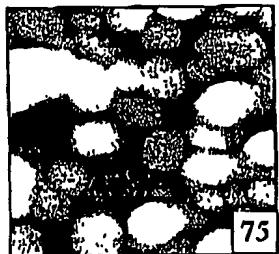


FIG. 4C/4

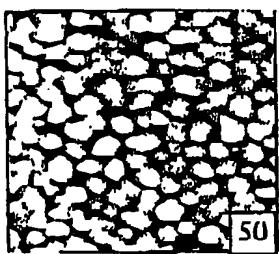


FIG. 4C/5

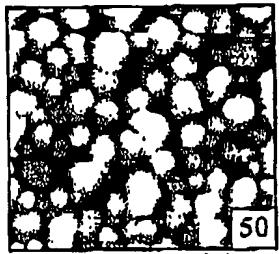


FIG. 4C/6

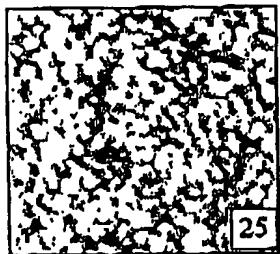


FIG. 4C/7

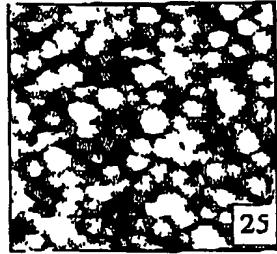


FIG. 4C/8

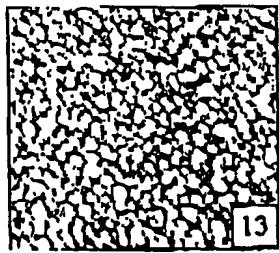


FIG. 4C/9

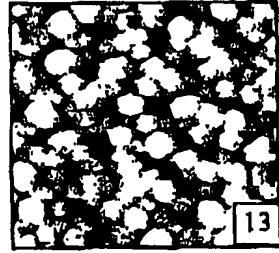


FIG. 4C/10

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FIG. 4D

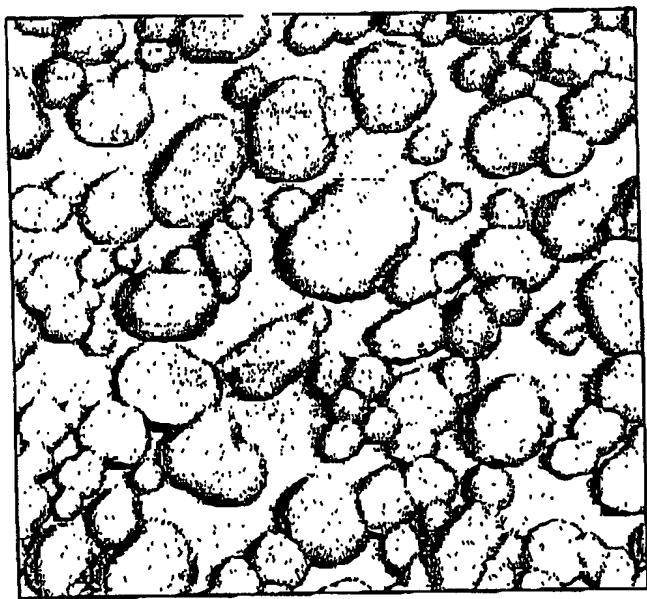


FIG. 4E

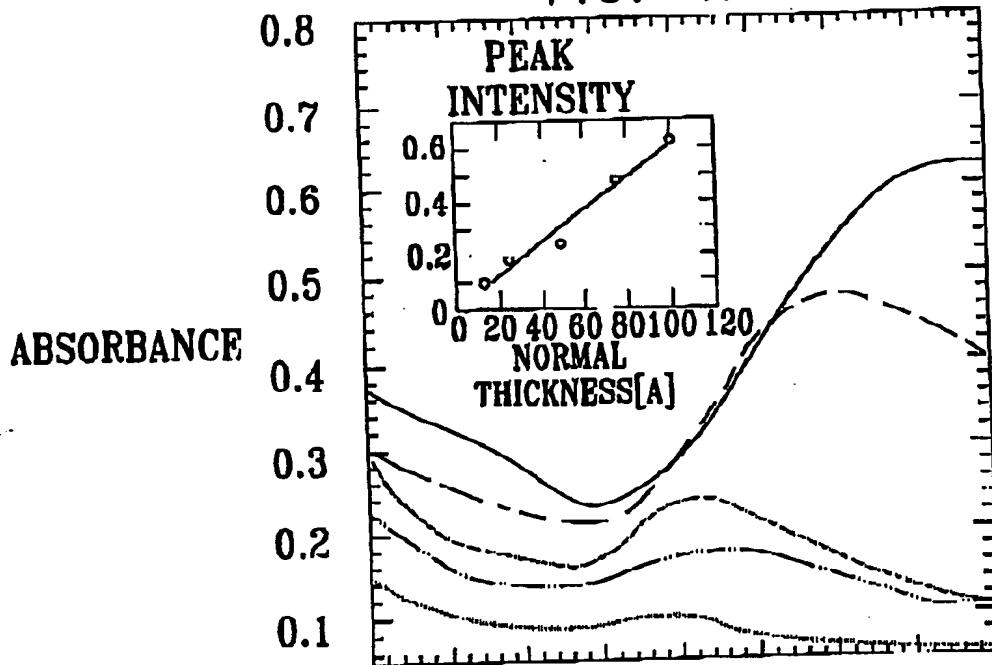
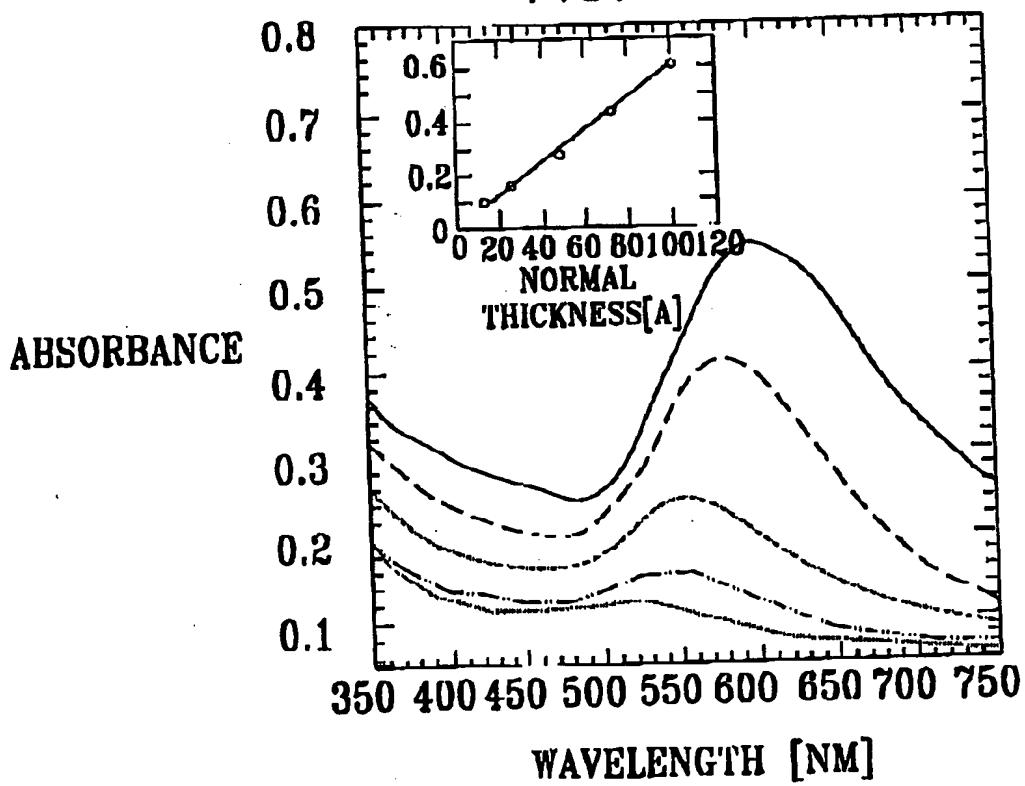


FIG. 4F



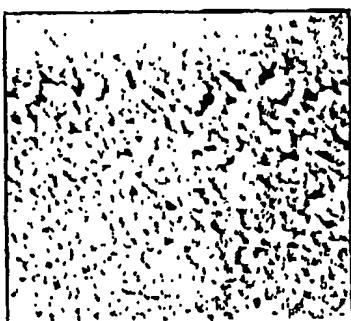


FIG. 4G/1



FIG. 4G/2



FIG. 4G/3

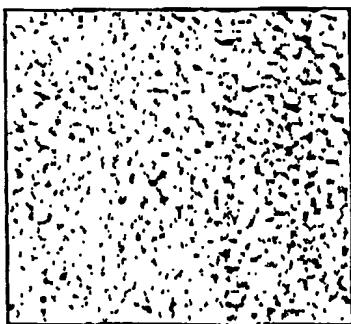


FIG. 4G/4

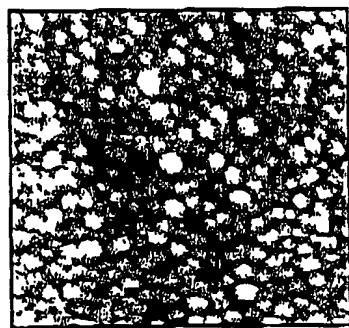


FIG. 4G/5

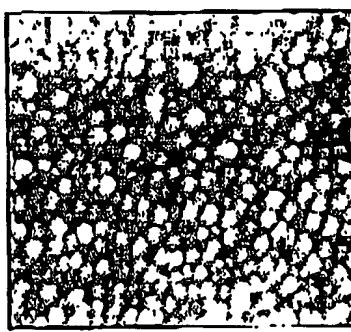


FIG. 4G/6

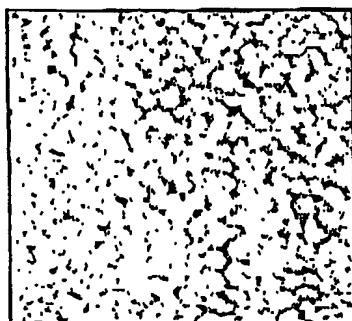


FIG. 4G/7

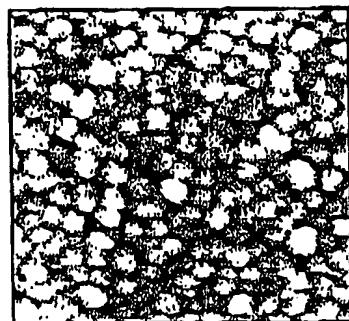


FIG. 4G/8

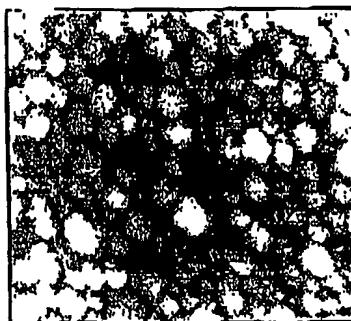
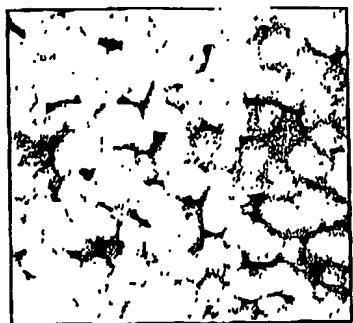


FIG. 4G/9



**FIG. 4G/10
4G/12**



FIG. 4G/11



FIG.

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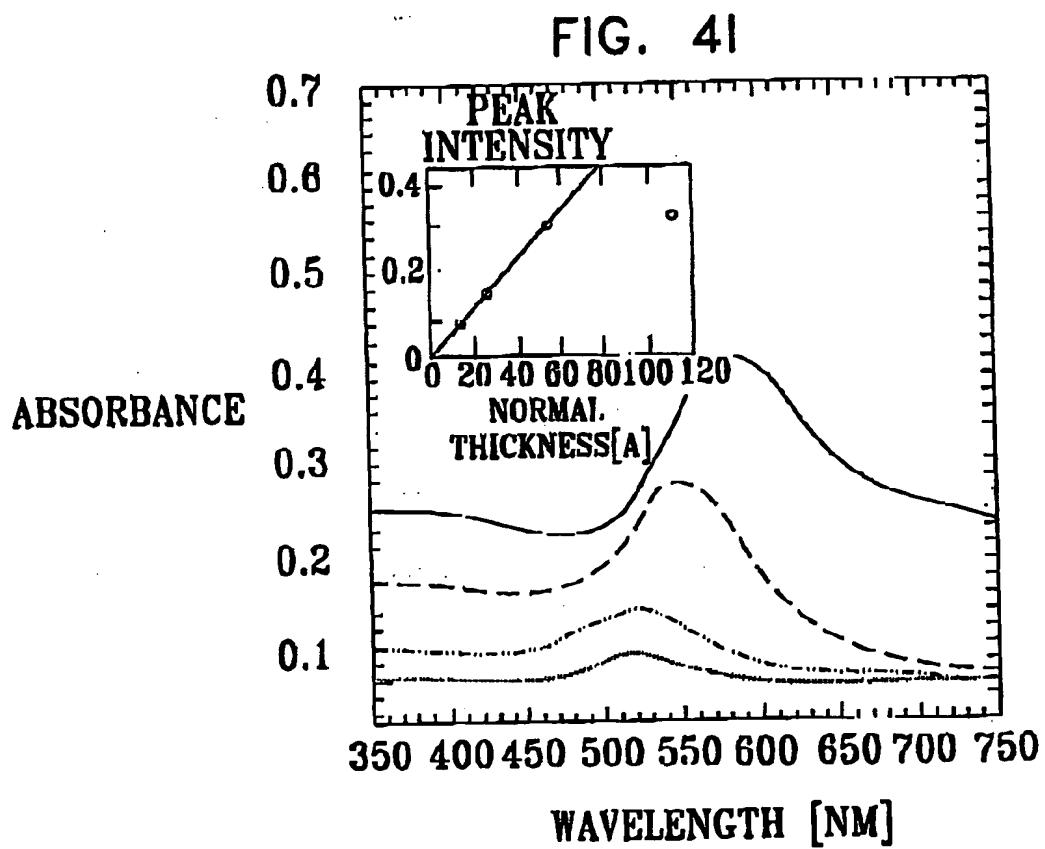
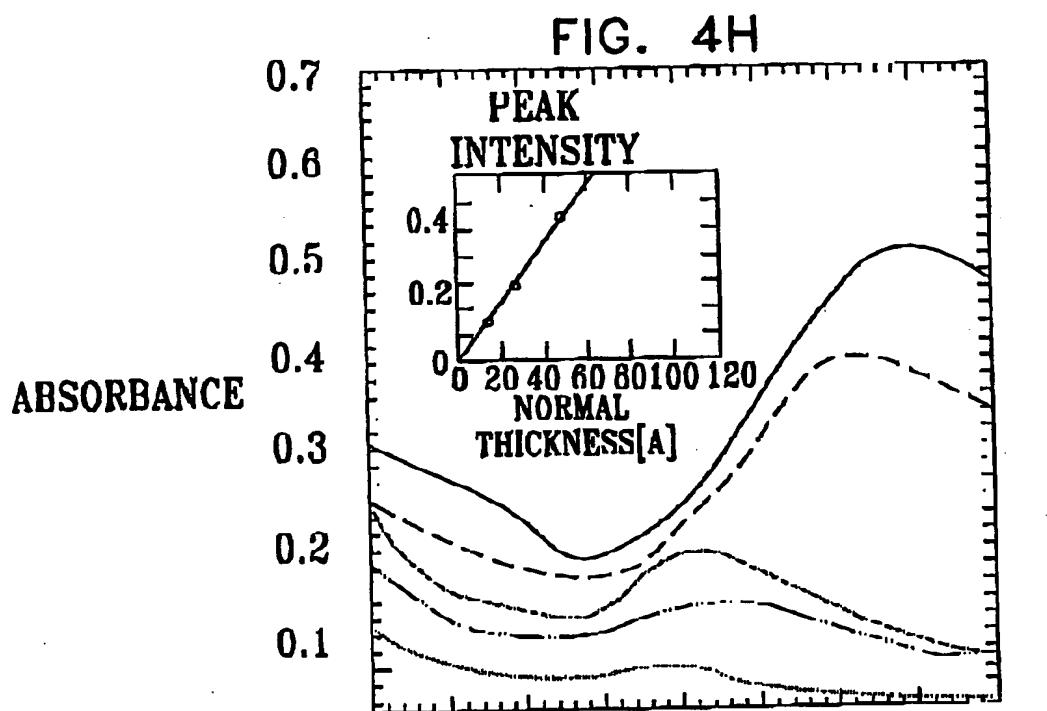


FIG. 5

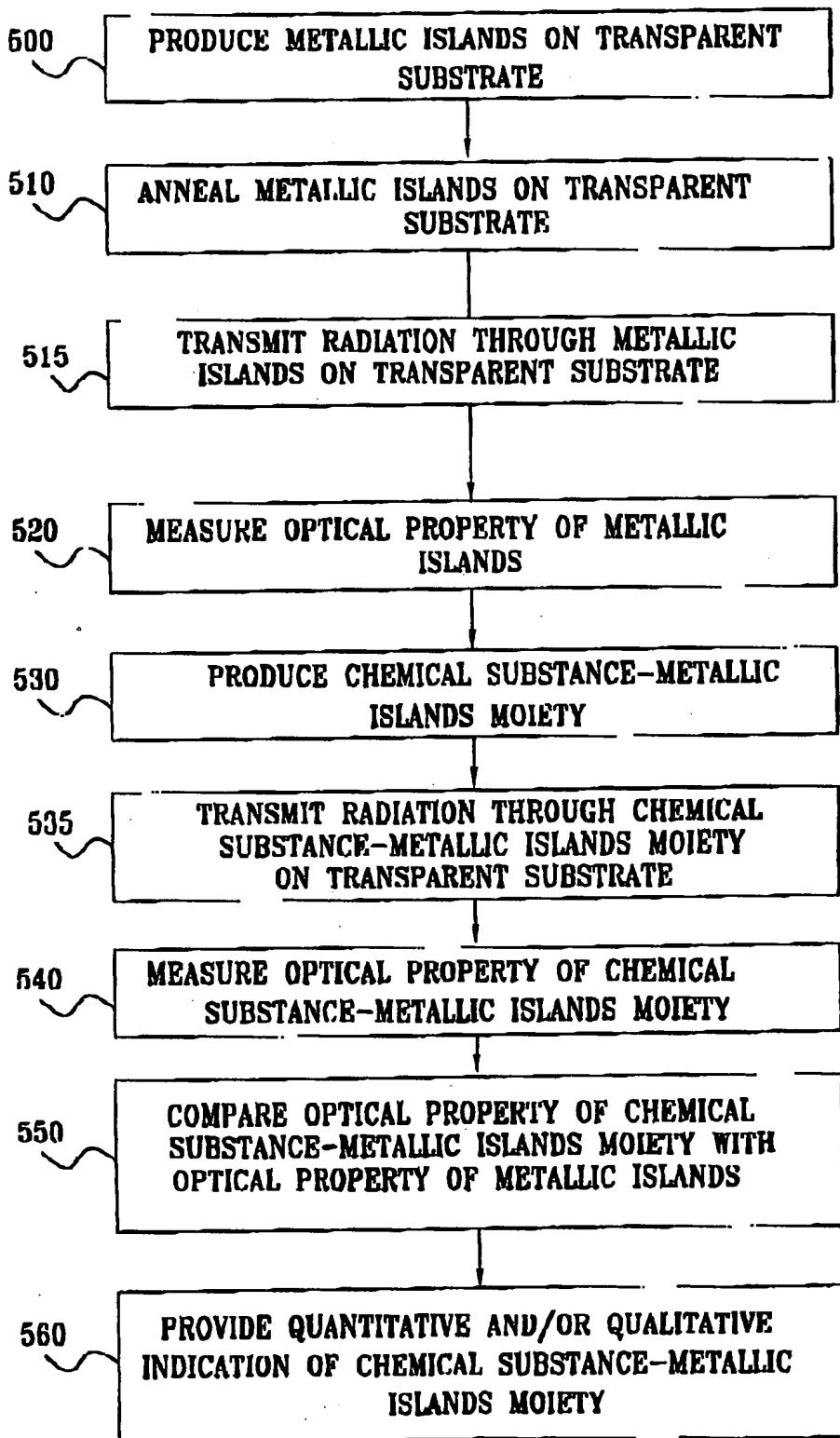


FIG. 6

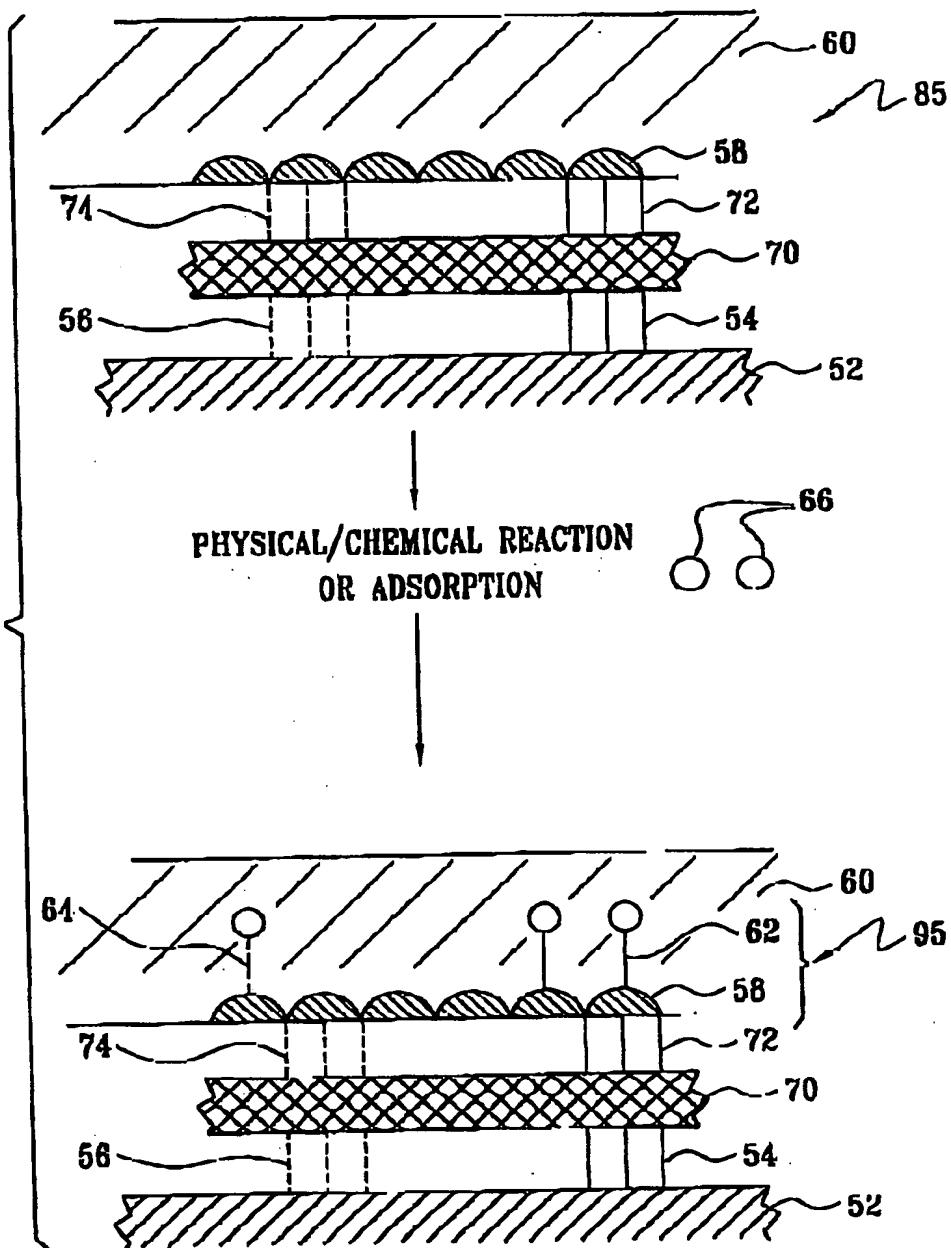


FIG. 7

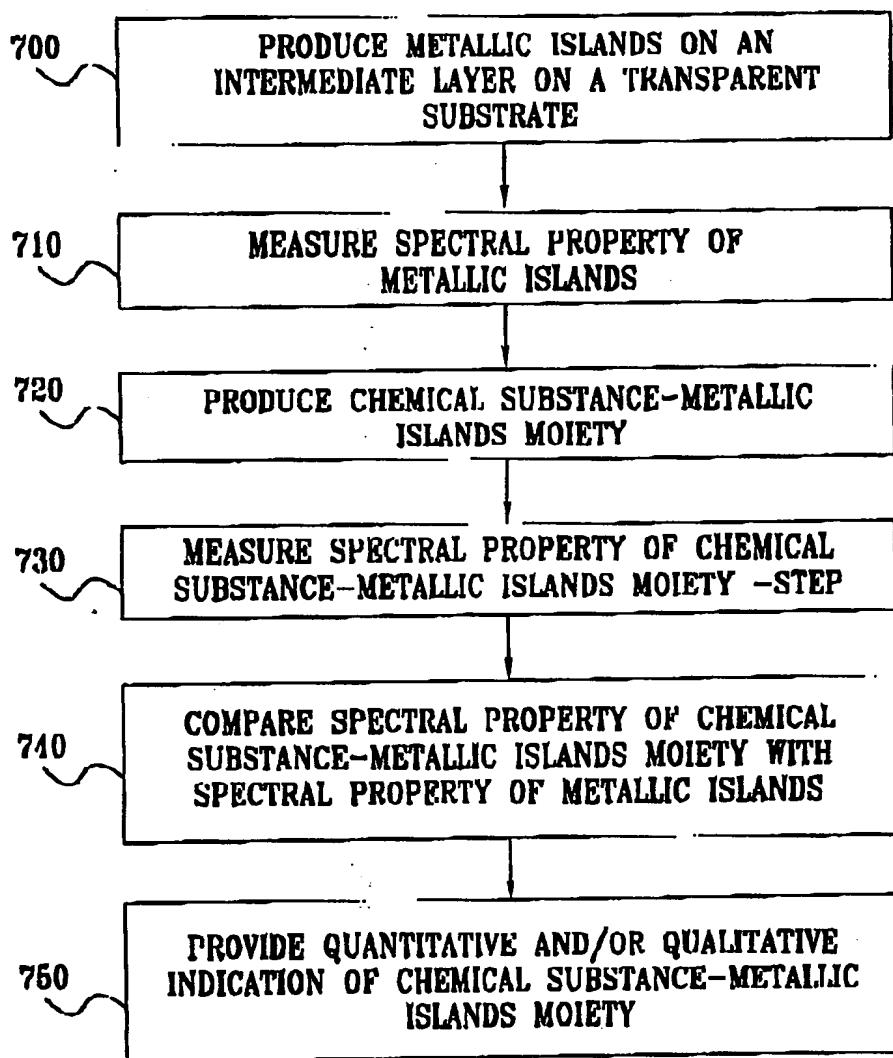


FIG. 8A

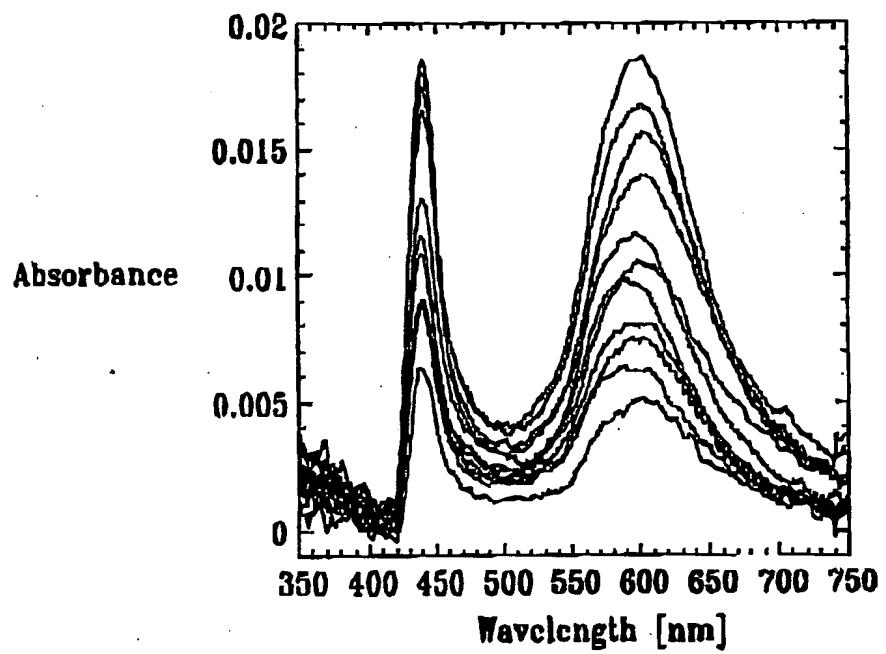


FIG. 8B

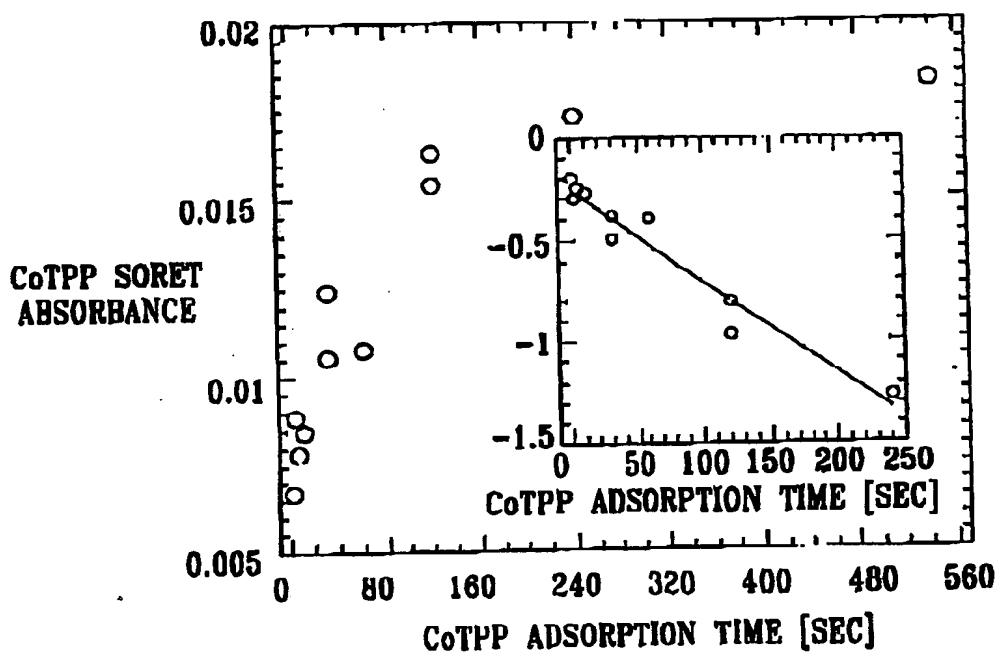


FIG. 8C

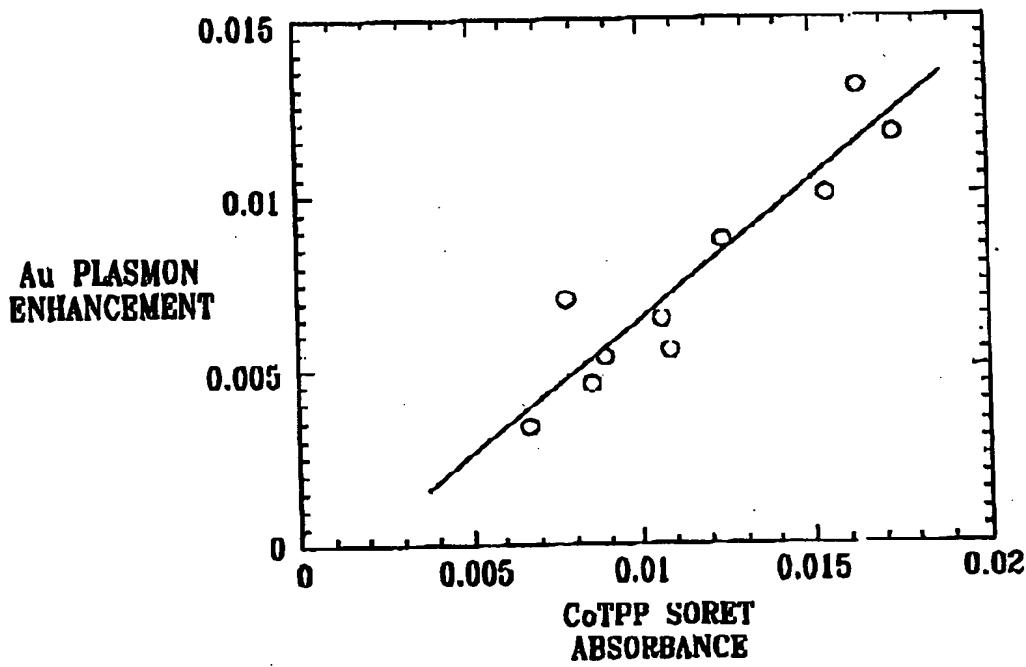


FIG. 9A

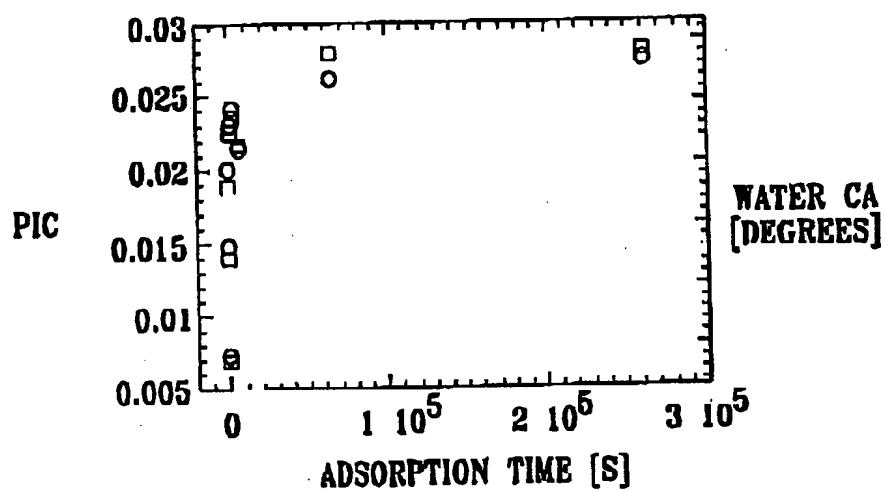


FIG. 9B

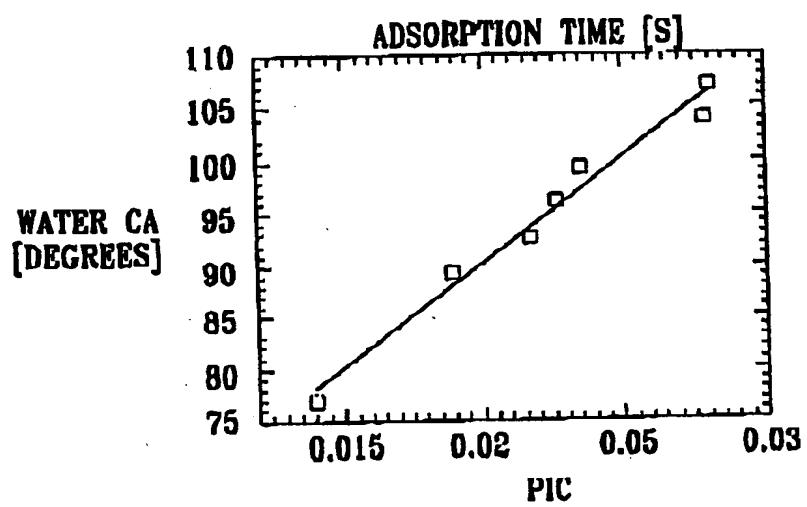


FIG. 10A

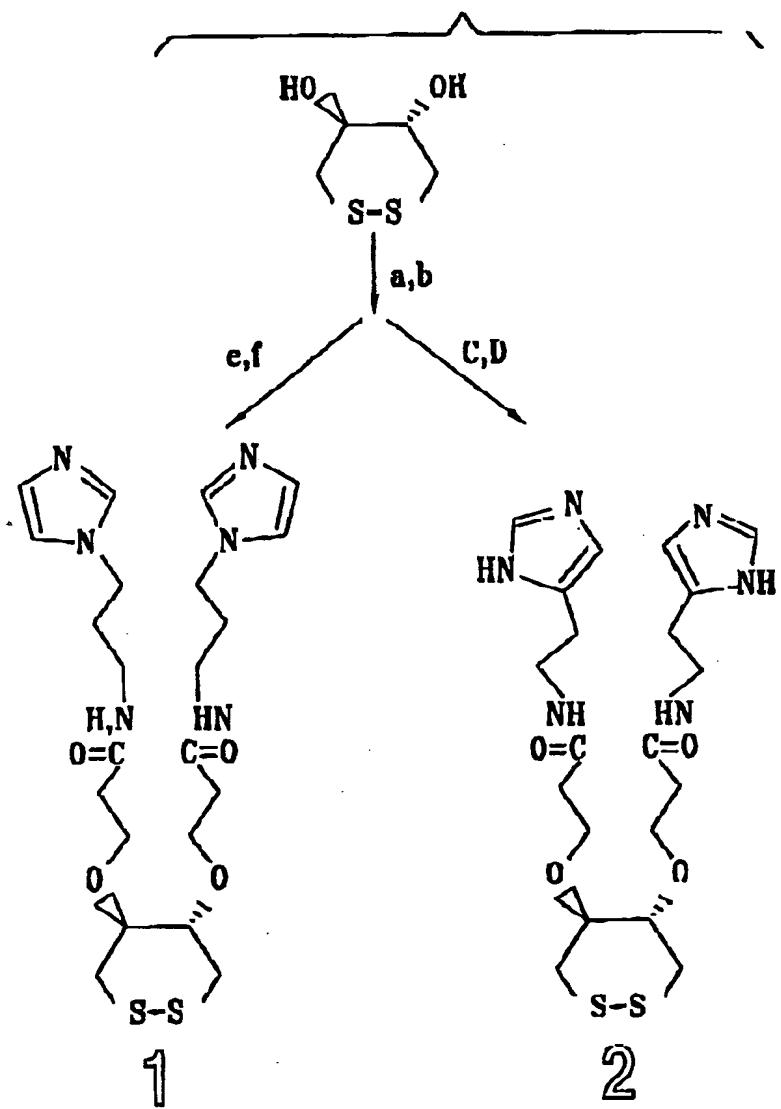


FIG. 10B

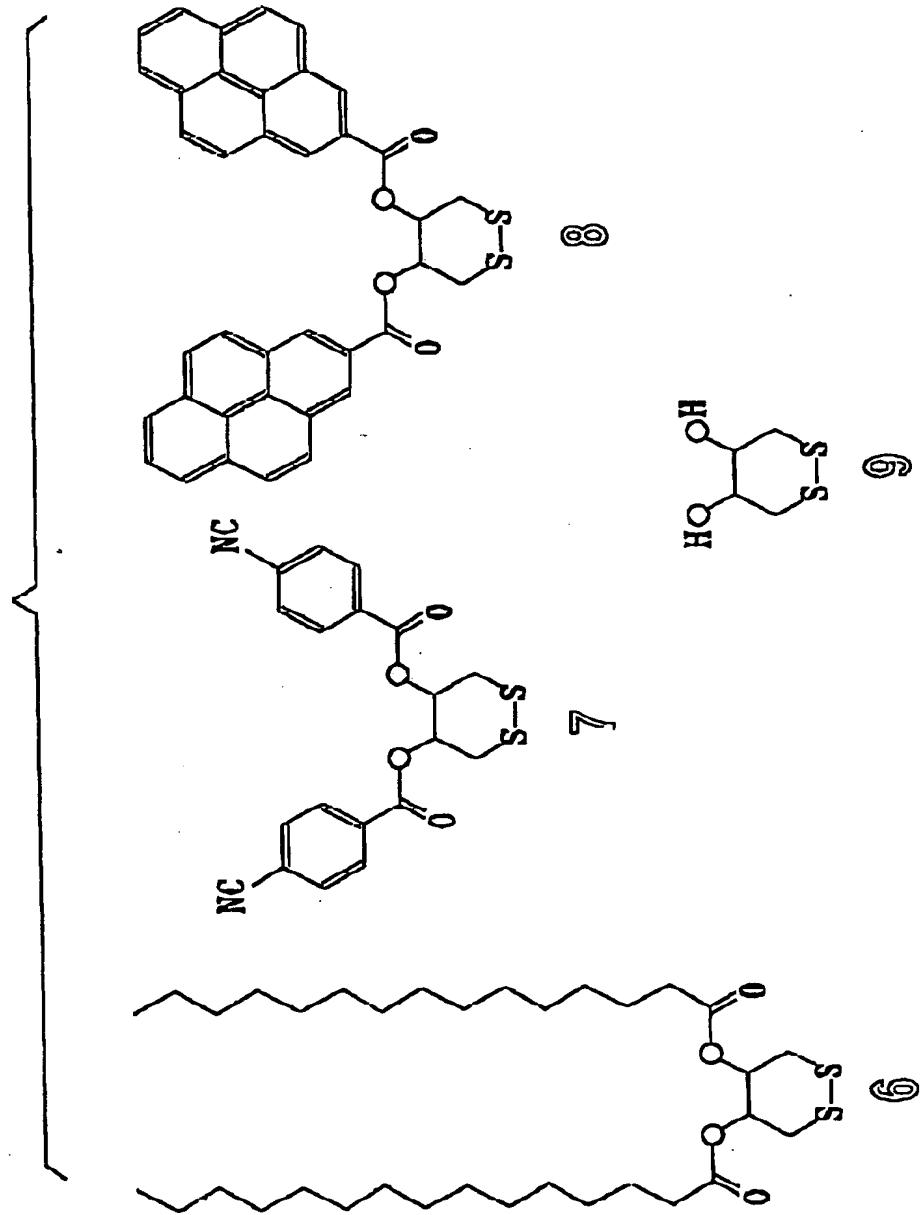


FIG. 11A

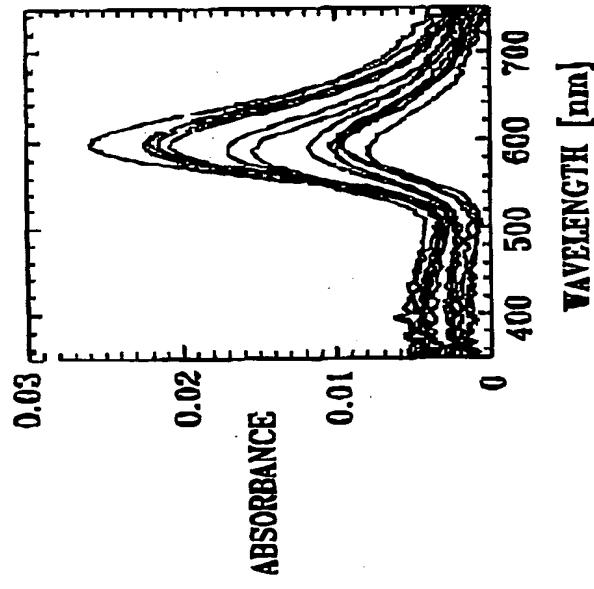
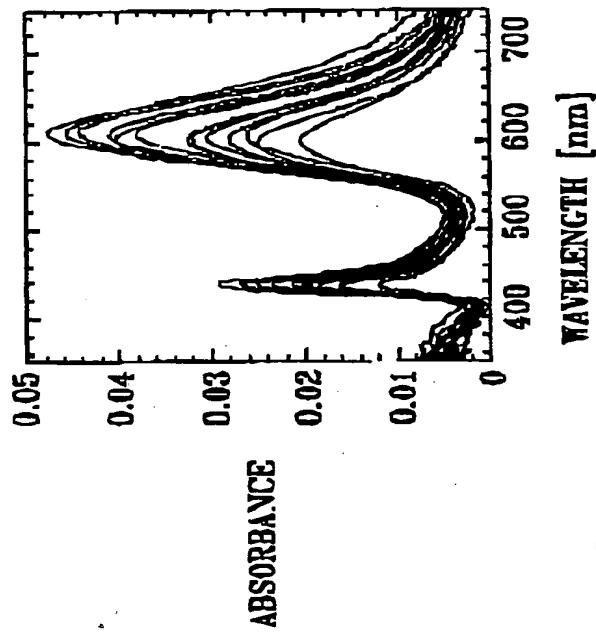
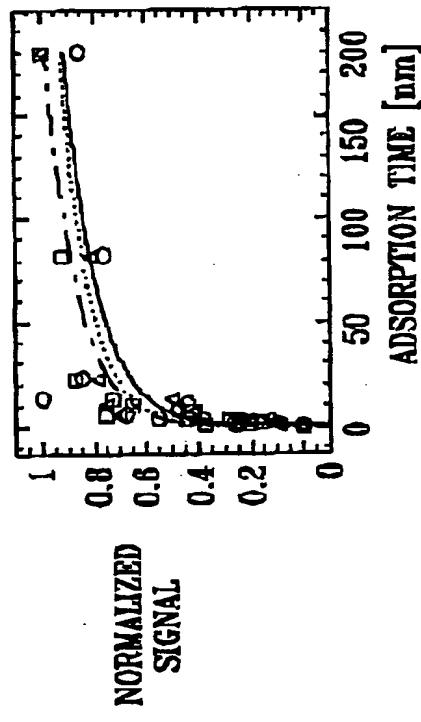


FIG. 11B



WAVELENGTH [nm]

FIG. 11C



ADSORPTION TIME [nm]

FIG. 12A

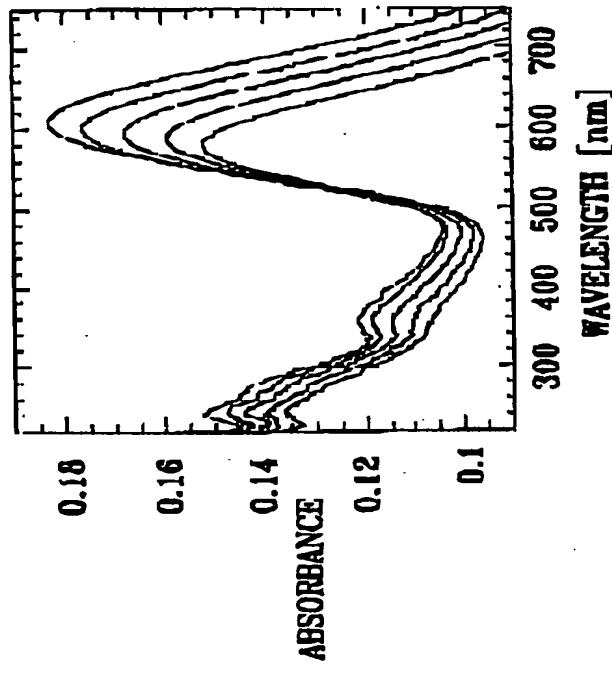


FIG. 12B

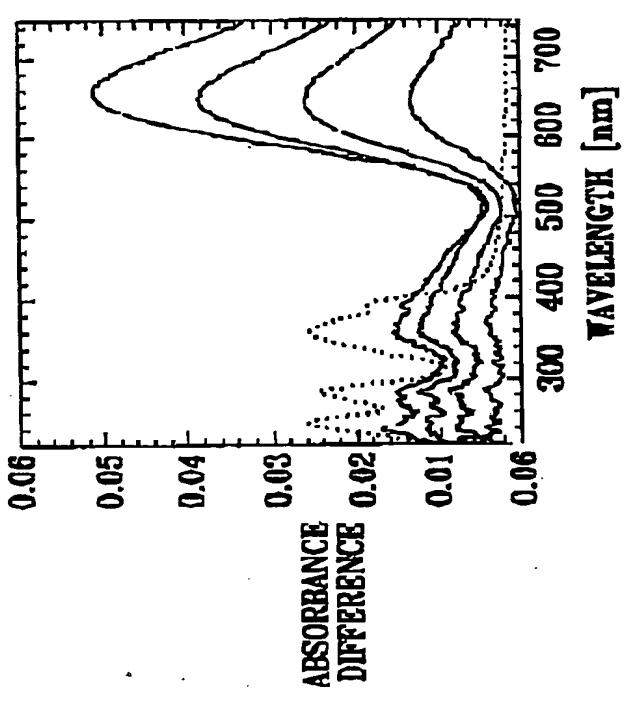


FIG. 12C

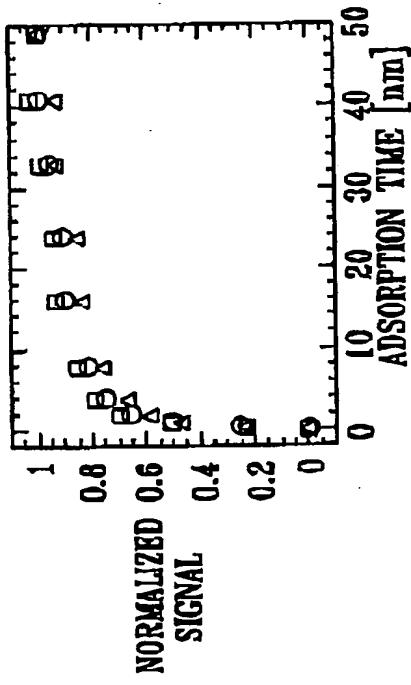


FIG. 12D

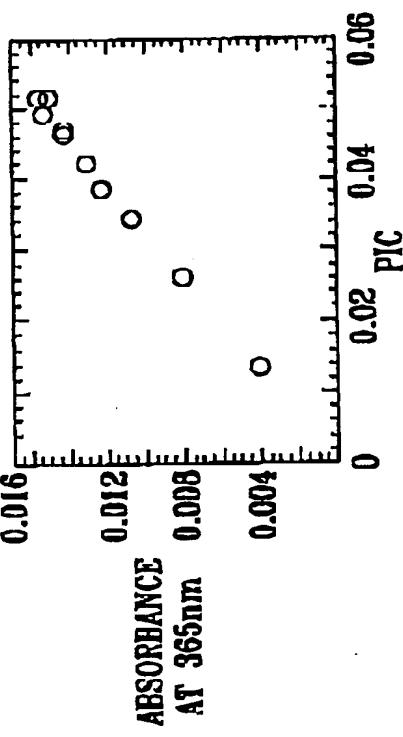


FIG. 13A

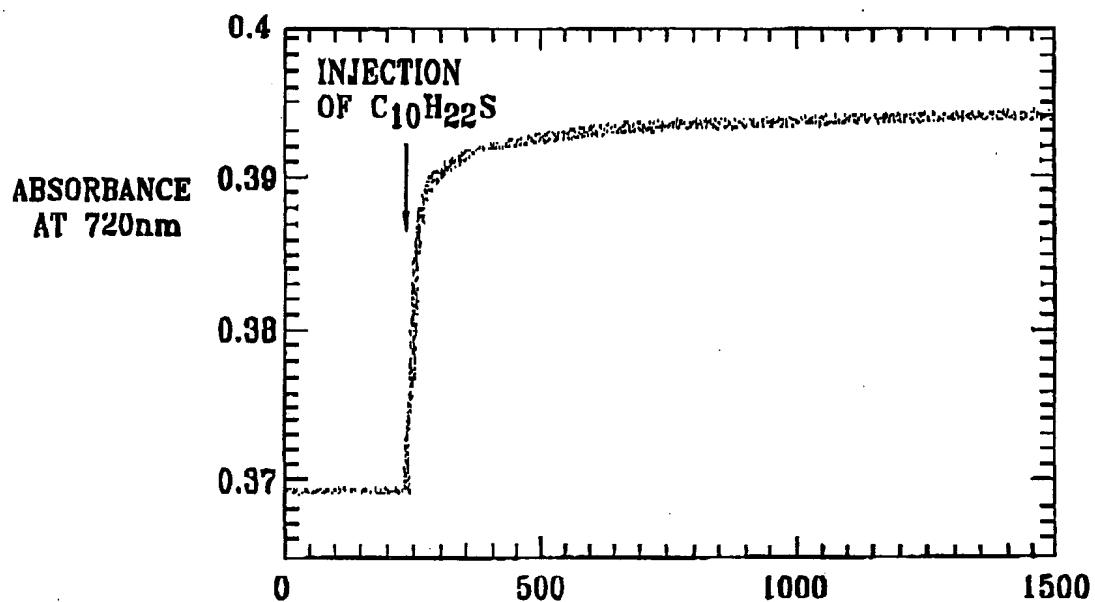


FIG. 13B

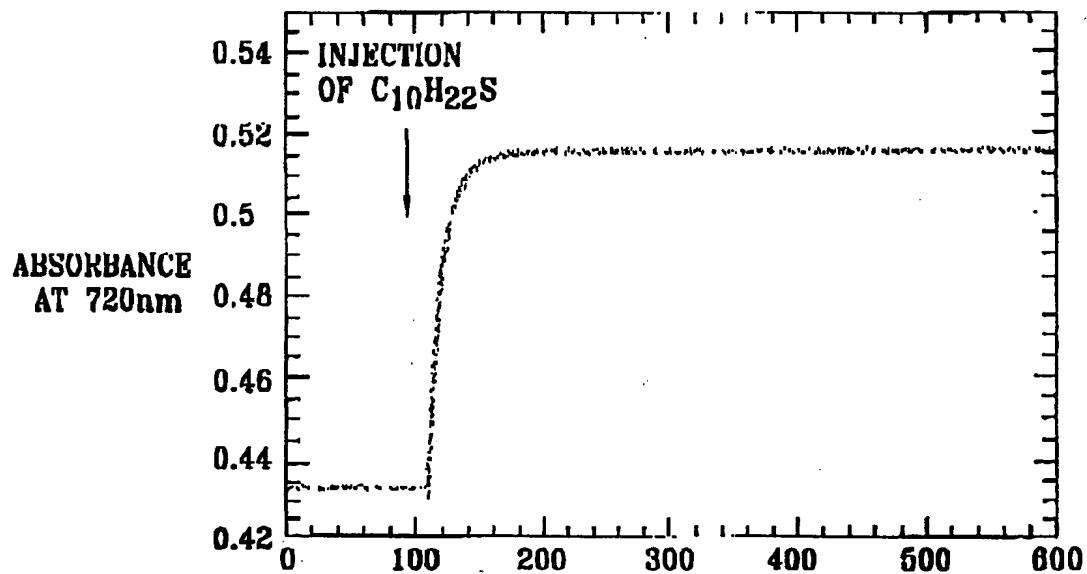


FIG. 14A

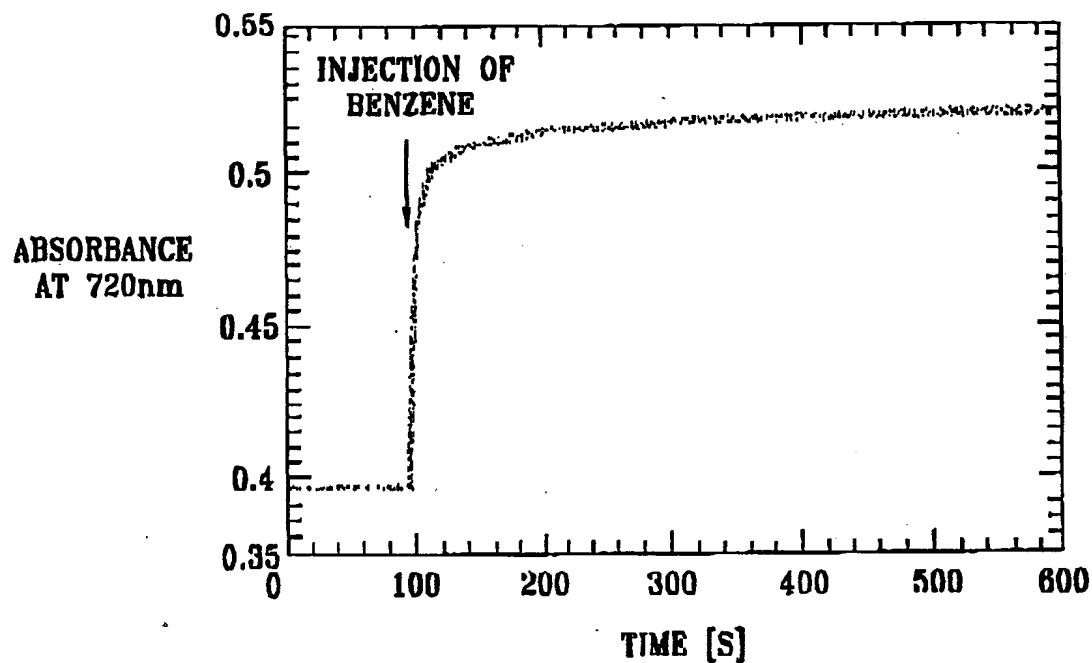


FIG. 14B

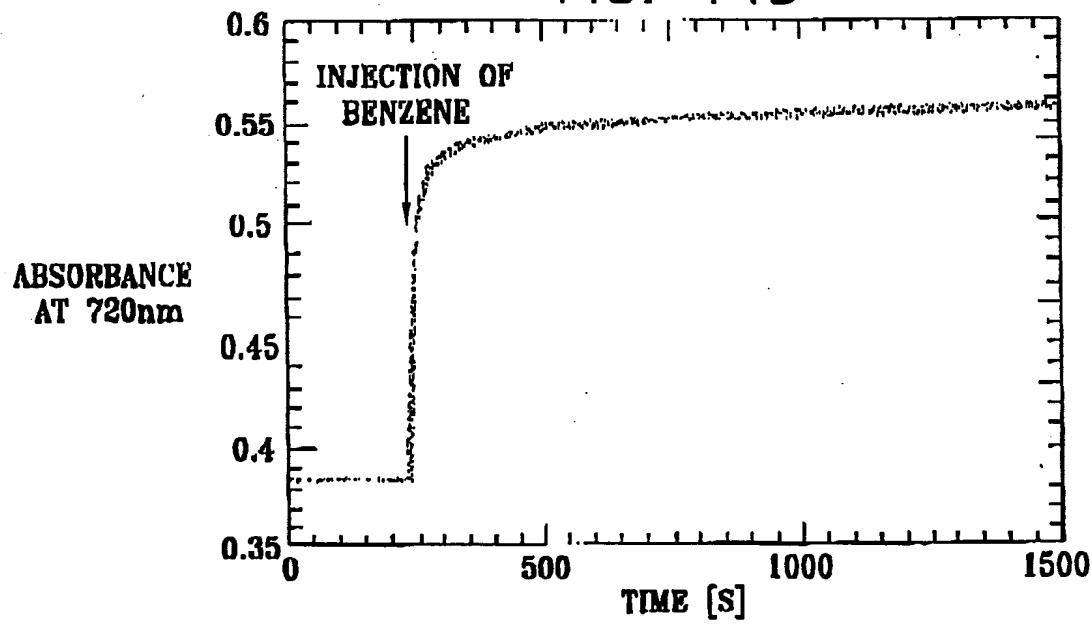


FIG. 15

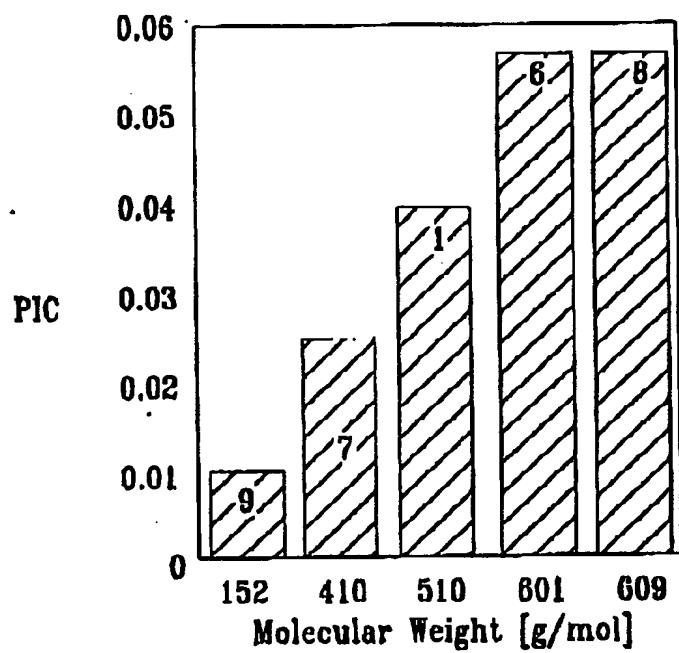


FIG. 16

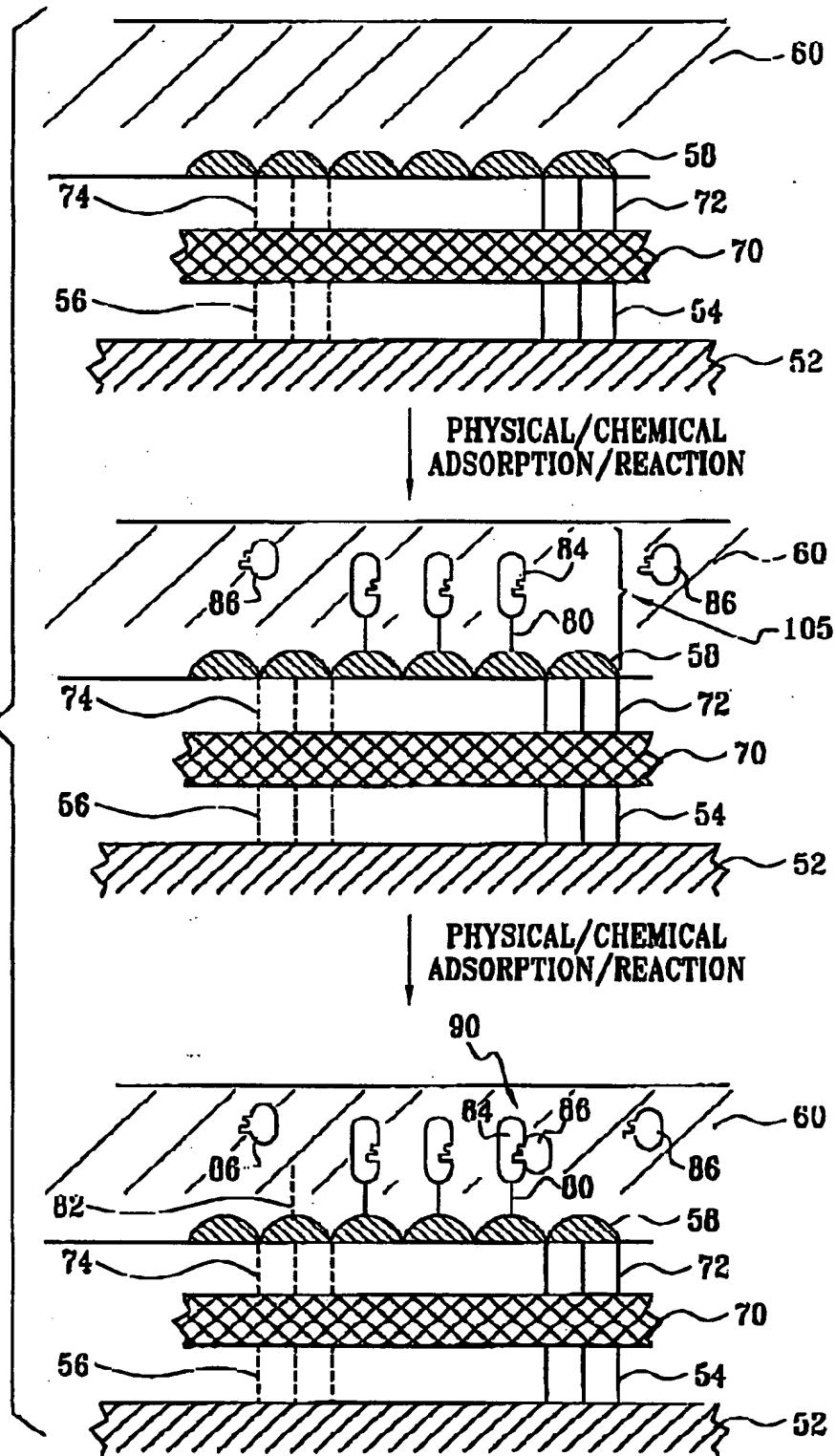


FIG. 17

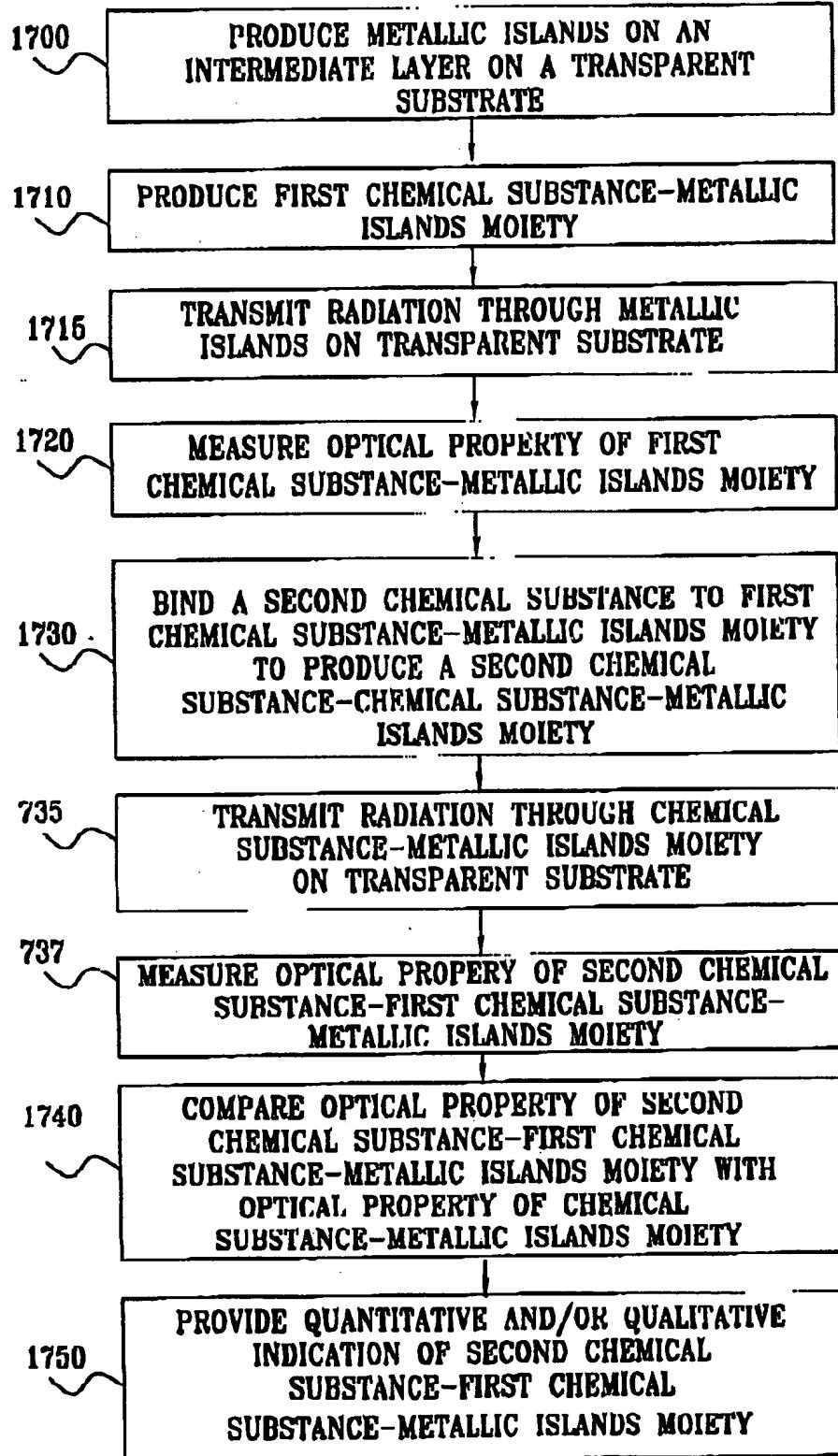


FIG. 18

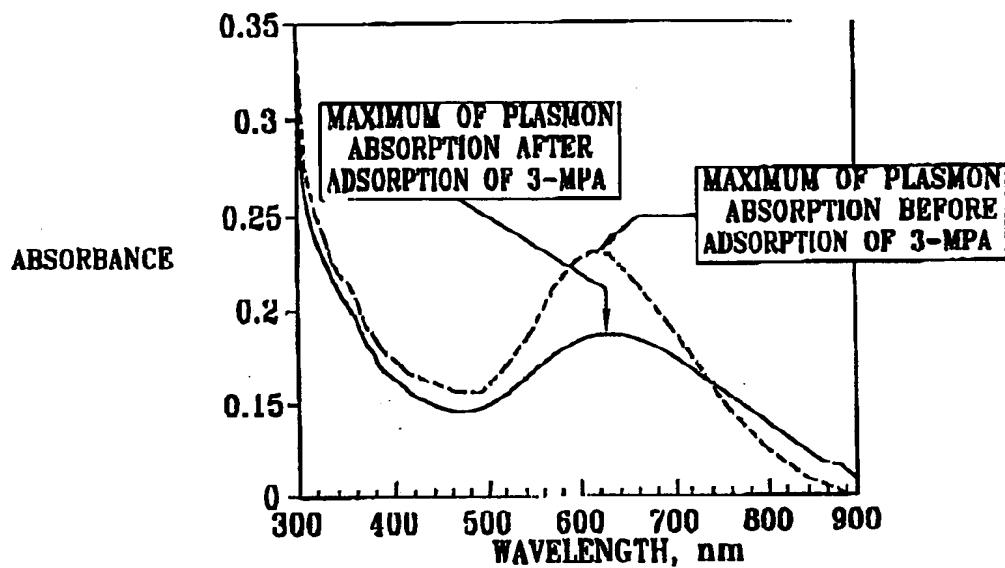


FIG. 19

